

STEREO MOC Status Report  
Time Period: 2012:065 - 2012:071

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:
  - On day 065, during the DSS-62 support, telemetry lock was lost intermittently beginning at 0618z through 0632z. ESA is investigating. This anomaly resulted in the loss of several minutes of SECCHI SSR data.
2. The following spacecraft/instrument events occurred during this week:
  - On day 065, the 45<sup>th</sup> momentum dump was successfully executed at 1800Z, which imparted a delta V of 0.0699 m/sec.
  - On day 069, the SECCHI Ahead instrument reset at 04:12:00z. The SECCHI team reconfigured the instrument to operational mode at 069-1800z. This was the 27<sup>th</sup> reset of SECCHI on the Ahead spacecraft.
  - The average daily SSR playback volume for Ahead was 5.0 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:
  - On day 065, during the DSS-45 support, turbo decoder lock was lost intermittently beginning at 0356z through 0719z. This anomaly resulted in the loss of 130 frames of SSR data. See DR# N107960 for more information.
  - On day 066, during the DSS-26 support, the antenna was stowed due to high winds at 2155z. After the winds subsided, telemetry lock was re-established at 0145z. SSR pointers were reset to minimize science data loss. This anomaly resulted in the loss of 3.8 hours of real-time telemetry, commanding, and tracking data and the SSR data loss listed below. See DR# G112439 for more information.

IMPACT reached 95% full:  
4.4 hours beginning at 067-2224z

SECCHI data loss:  
2.3 hours beginning at 068-0010z

SWAVES reached 100% full:  
3.5 hours beginning at 067-2247z

- On day 071, during the DSS-65 support, turbo decoder lock was lost intermittently at 1450z through 1905z. This anomaly resulted in the loss of 48 frames of SSR data. A DR has been requested.

2. The following spacecraft/instrument events occurred during this week:

- On day 068, the 39<sup>th</sup> momentum dump was successfully executed at 1600Z, which imparted a delta V of 0.0691 m/sec.
- The average daily SSR playback volume for Behind was 4.6 Gbits during this week.